Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110322\
Data File : BN022485.D
Acq On : 03 Nov 2022 19:52
Operator : CG/JU
Sample : N5395-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 04 04:07:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 03:28:17 2022
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
S-1-103122

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.920 | 152 | 2563 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.752 | 136 | 10204 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.600 | 164 | 6495 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.350 | 188 | 14032 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.555 | 240 | 12321 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 24.005 | 264 | 11007 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.458 | 112 | 2281 | 0.315 | ng | | 0.00 |
| 5) Phenol-d6 | 7.090 | 99 | 2541 | 0.279 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.108 | 82 | 2083 | 0.226 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.349 | 152 | 3813 | 0.223 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.096 | 330 | 582 | 0.171 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.221 | 172 | 6201 | 0.229 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.390 | 212 | 8472 | 0.221 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.989 | 244 | 8048 | 0.210 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 9) Naphthalene | 10.795 | 128 | 7628 | 0.247 | ng | | 100 |
| 16) Acenaphthylene | 14.311 | 152 | 55888 | 1.695 | ng | | 99 |
| 17) Acenaphthene | 14.664 | 154 | 8866 | 0.417 | ng | | 97 |
| 18) Fluorene | 15.647 | 166 | 97010 | 3.258 | ng | | 100 |
| 25) Phenanthrene | 17.387 | 178 | 831799 | 17.736 | ng | | 100 |
| 26) Anthracene | 17.487 | 178 | 291720 | 7.070 | ng | | 100 |
| 28) Fluoranthene | 19.424 | 202 | 810354 | 16.033 | ng | | 98 |
| 30) Pyrene | 19.786 | 202 | 569061 | 10.697 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.537 | 228 | 289390 | 5.841 | ng | | 98 |
| 33) Chrysene | 21.591 | 228 | 235243 | 4.794 | ng | | 97 |
| 34) Bis(2-ethylhexyl)phtha... | 21.457 | 149 | 4383 | 0.105 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.578 | 276 | 97327 | 1.836 | ng | | 95 |
| 37) Benzo(b)fluoranthene | 23.257 | 252 | 250447 | 5.787 | ng | # | 90 |
| 38) Benzo(k)fluoranthene | 23.301 | 252 | 98567m | 2.233 | ng | | |
| 39) Benzo(a)pyrene | 23.897 | 252 | 194634m | 5.251 | ng | | |
| 40) Dibenzo(a,h)anthracene | 26.590 | 278 | 23714 | 0.562 | ng | | 98 |
| 41) Benzo(g,h,i)perylene | 27.370 | 276 | 80240 | 1.792 | ng | | 96 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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